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Matsuda, Y. et al as in
DERWENT.

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DERWENT-WEEK: 199506
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TITLE: Drive method for solid image device - connecting electric charge detector with reset switch part so that fixed electric potential setting is stopped when needed

PATENT-ASSIGNEE: MATSUSHITA ELECTRONICS CORP[MATE]

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PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE
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JP 06233197 A	August 19, 1994	N/A
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APPLICATION-DATA:

PUB-NO	APPL-DESCRIPTOR	APPL-NO
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INT-CL_(IPC): H04N005/335; H04N017/00

ABSTRACTED-PUB-NO: JP06233197A

BASIC-ABSTRACT: A read-out switch part (2) controls the read out of the signal.

The read out signal is combined with a photoelectric converter (1) so that an electric signal is produced. Multiple photoelectric transducers are arranged in two dimensional shape to form a photoelectric converter. The electrical output is transmitted in a perpendicular direction by a perpendicular transmission part (3).

The electrical output is transmitted in a longitudinal direction by a level transmission part (5). The transmitted electrical charge level is detected (9). The electric potential of the detector is set up by a standard electric potential setting part (8). A reset switch part (7) is prepared

in order to
stop the electric potential setting for the electric charge
detector.

ADVANTAGE - Improves smearing of CCD. Improves transmission
efficiency and
measurement accuracy.

CHOSEN-DRAWING: Dwg.3/3

TITLE-TERMS:

DRIVE METHOD SOLID IMAGE DEVICE CONNECT ELECTRIC CHARGE DETECT
RESET SWITCH
PART SO FIX ELECTRIC POTENTIAL SET STOP NEED

DERWENT-CLASS: W02 W04

EPI-CODES: W02-F04A5; W04-M01B5A; W04-M01B7; W04-M01D2J;

SECONDARY-ACC-NO:

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